

OPINION 2377 (Case 3624)**A proposal for the rejection of 38 names in ANTHICIDAE (Coleoptera): approved**

Abstract. Under the plenary and specific powers the Commission has confirmed the unavailability of 23 names published by Marseul in 1879, one name published by Pic in 1892, one name attributed to Pic in 1911 and one name used by Krekich-Strassoldo in 1919. These names were incorrectly used by Chandler, Nardi & Telnov in 2004, in place of the correct names that had been proposed by Pic and Sahlberg. The name *Clavicomus* Pic, 1894 is given precedence over *Pseudantichus* Desbrochers des Loges, 1868 whenever the two are considered to be synonyms.

Keywords. Nomenclature; taxonomy; Insecta; Coleoptera; ANTHICIDAE; ant-like flower beetles.

Ruling

- (1) Under the specific powers the names *Ephippicolles*, *Stenicolles* (p. 65), *Sulcicolles*, *Recticolles*, *Lagenicolles*, *Bitumicolles*, *Trapezicolles*, *Cordicolles*, *Stricticolles*, *Clavicolles* (p. 66), *Hirticolles*, *Brevicolles*, *Tenuicolles*, *Pubicolles*, *Birricolles*, *Rotundicolles*, *Laticolles*, *Fossicolles*, *Monstrosipedes* (p. 67), *Normalipedes*, *Biparticolles* (p. 68), *Bifossicolles* (p. 187) and *Biscissicolles* (p. 230), all of Marseul (1879), the names *Curticolles* Pic (1892, p. 44) and *Spiniferes* Pic (1911, p. 33) and the name *Spinicornes* Krekich-Strassoldo (1919, p. 65), are confirmed to be unavailable under Articles 11.8 and 11.8.1 of the Code and ruled not to be emended to make them available.
- (2) Under the plenary power the name *Clavicomus* Pic, 1894 is given precedence over *Pseudantichus* Desbrochers des Loges, 1868, whenever the two are considered to be synonyms.
- (3) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Anthicus* Paykull, 1798 (gender: masculine), type species by subsequent designation by Westwood (1830) *Meloe antherinus* Linnaeus, 1760, type genus of the family ANTHICIDAE;
 - (b) *Bifossicollis* Sahlberg, 1903 (gender: masculine), type species by monotypy *Anthicus iscarיותes* LaFerté-Sénéctère, 1849;
 - (c) *Birricomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Chandler et al. (2008) *Anthicus genei* LaFerté-Sénéctère, 1849;
 - (d) *Clavicomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Bucciarelli (1980) *Anthicus longiceps* LaFerté-Sénéctère, 1849, with the endorsement that it is to be given precedence over *Pseudantichus* Desbrochers des Loges, 1868, whenever they are considered to be synonyms as ruled in (2) above;
 - (e) *Cordicomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Bonadona (1958) *Anthicus instabilis* Schmidt, 1842;

- (f) *Curticomus* Pic, 1894 (gender: masculine), type species by monotypy *Anthicus trotommidens* Pic, 1892;
 - (g) *Cyclodinus* Mulsant & Rey, 1866 (gender: masculine), type species by subsequent designation by Bonadona (1949) *Anthicus humilis* Germar, 1824;
 - (h) *Hirticomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Bonadona (1958) *Notoxus hispidus* Rossi, 1792;
 - (i) *Microhoria* Chevrolat, 1877 (gender: feminine), type species by subsequent designation by Bonadona (1952) *Anthicus oedipus* Chevrolat, 1860;
 - (j) *Pseudantichus* Desbrochers des Loges, 1868 (gender: masculine), type species by monotypy *Formicomus oliverii* Desbrochers des Loges, 1868, with the endorsement that it is not to be given priority over *Clavicomus* Pic, 1894, whenever they are considered to be synonyms, as ruled in (2) above;
 - (k) *Pubicomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Chandler et al. (2008) *Anthicus axillaris* Schmidt, 1842;
 - (l) *Stricticomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Bonadona (1958) *Anthicus transversalis* A. Villa & G.B. Villa, 1833;
 - (m) *Tenuicomus* Pic, 1894 (gender: masculine), type species by subsequent designation by Alonso-Zarazaga (2013) *Anthicus pumilus* Baudi, 1877;
 - (n) *Trapezicomus* Pic, 1894 (gender: masculine), type species by type species by subsequent designation by Alonso-Zarazaga (2013) *Anthicus rufivestis* Marseul, 1879.
- (4) The following names are hereby placed on the Official List of Specific Names in Zoology:
- (a) *antherinus* Linnaeus, 1760, as published in the binomen *Meloe antherinus* (specific name of the type species of *Anthicus* Paykull, 1798);
 - (b) *axillaris* Schmidt, 1842, as published in the binomen *Anthicus axillaris* (specific name of the type species of *Pubicomus* Pic, 1894);
 - (c) *genei* LaFerté-Sénéctère, 1849, as published in the binomen *Anthicus genei* (specific name of the type species of *Birricomus* Pic, 1894);
 - (d) *hispidus* Rossi, 1792, as published in the binomen *Notoxus hispidus* (specific name of the type species of *Hirticomus* Pic, 1894);
 - (e) *humilis* Germar, 1824, as published in the binomen *Anthicus humilis* (specific name of the type species of *Cyclodinus* Mulsant & Rey, 1866);
 - (f) *instabilis* Schmidt, 1842, as published in the binomen *Anthicus instabilis* (specific name of the type species of *Cordicomus* Pic, 1894);
 - (g) *iscariotes* LaFerté-Sénéctère, 1849, as published in the binomen *Anthicus iscariotes* (specific name of the type species of *Bifossicollis* Sahlberg, 1903);
 - (h) *longiceps* LaFerté-Sénéctère, 1849, as published in the binomen *Anthicus longiceps* (specific name of the type species of *Clavicomus* Pic, 1894);
 - (i) *oedipus* Chevrolat, 1860, as published in the binomen *Anthicus Oedipus* (specific name of the type species of *Microhoria* Chevrolat, 1877);
 - (j) *oliverii* Desbrochers des Loges, 1868, as published in the binomen *Formicomus oliverii* (specific name of the type species of *Pseudantichus* Desbrochers des Loges, 1868);
 - (k) *pumilus* Baudi, 1877, as published in the binomen *Anthicus pumilus* (specific name of the type species of *Tenuicomus* Pic, 1894);

- (l) *rufivestis* Marseul, 1879, as published in the binomen *Anthicus rufivestis* (specific name of the type species of *Trapezicomus* Pic, 1894);
- (m) *transversalis* A. Villa & G.B. Villa, 1833, as published in the binomen *Anthicus transversalis* (specific name of the type species of *Stricticomus* Pic, 1894);
- (n) *trotommidens* Pic, 1892, as published in the binomen *Anthicus trotommidens* (specific name of the type species of *Curticomus* Pic, 1894);
- (5) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
 - (a) *Birricollis* Sahlberg, 1903, junior objective synonym of *Birricomus* Pic, 1894;
 - (b) *Brevicomus* Pic, 1894, junior objective synonym of *Anthicus* Paykull, 1798;
 - (c) *Brevicollis* Sahlberg, 1903, junior objective synonym of *Anthicus* Paykull, 1798;
 - (d) *Clavicollis* Sahlberg, 1903, junior objective synonym of *Pseudantichus* Desbrochers des Loges, 1868;
 - (e) *Cordicollis* Sahlberg, 1903, junior objective synonym of *Cordicomus* Pic, 1894;
 - (f) *Hirticollis* Sahlberg, 1903, junior objective synonym of *Hirticomus* Pic, 1894;
 - (g) *Lagenicollis* Sahlberg, 1903, junior objective synonym of *Cyclodinus* Mulsant & Rey, 1866;
 - (h) *Laticomus* Pic, 1894, junior objective synonym of *Eonius* C.G. Thomson, 1859;
 - (i) *Pubicollis* Sahlberg, 1903, junior objective synonym of *Pubicomus* Pic, 1894;
 - (j) *Stricticollis* Sahlberg, 1903, junior objective synonym of *Stricticomus* Pic, 1894;
 - (k) *Tenuicollis* Sahlberg, 1903, junior objective synonym of *Tenuicomus* Pic, 1894;
 - (l) *Trapezicollis* Sahlberg, 1903, junior objective synonym of *Trapezicomus* Pic, 1894.

History of Case 3624

An application to confirm the unavailability of 23 names published by Marseul in 1879, one name published by Pic in 1892, one name attributed to Pic in 1911 and one name used by Krekich-Strassoldo, 1919, was received from Miguel A. Alonso-Zarazaga (*Departamento de Biodiversidad y Biología Evolutiva, Museo Nacional de Ciencias Naturales (CSIC), Madrid, Spain*) on 19 April 2013. After correspondence the Case was published in BZN 70: 171–184 (September 2013). The title, abstract and keywords of the Case were published on the Commission's website. No comments were received on this Case. The Case was sent for vote on 1 June 2015. A greater than two-thirds majority of Commissioners voted FOR the Case (20 For, 0 Against, 1 Split).

Decision of the Commission

At the close of the voting period on 1 September 2015 the votes were as follows:

Affirmative votes – 20: Alonso-Zarazaga, Ballerio, Bogutskaya, Bouchet, Brothers, Halliday, Harvey, Kojima, Kottelat, Krell, Kullander, Lamas, Pape, Rosenberg, Štys, van Tol, Winston, Yanega, and Zhou.

Negative votes – none.

Grygier split his vote (FOR (1), (2), (3), (5); AGAINST (4)).

Fautin, Ng, Patterson, Pyle and Zhang were on leave of absence.

SPLITTING his vote, Grygier said that the Case made no request for any ruling concerning the type species designations for the genus-group names with which it is truly

concerned, nor did it request any ruling concerning any of the listed specific names per se, so it is therefore unclear, under the specifications provided in Article 78.4.2, why these specific names should be entered into the Official List.

Original references

The following are the original references to the entries on either an Official List or Official Index in the ruling given in the present Opinion:

- Anthicus* Paykull, 1798, *Fauna Svecica, Insecta*, vol. 1 Joh. F. Edman, Upsaliae, p. 253.
- Bifossicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, **45A**(18) [1902–1903]: 31.
- Birricomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 41, 43, **7**(75): 79.
- Clavicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 42.
- Cordicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 45.
- Curticomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 41.
- Cyclodinus* Mulsant & Rey, 1866, *Histoire naturelle des coléoptères de France. Vol. 17. Colligères*, F. Savy, Paris, p. 77.
- Hirticomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 41.
- Microhoria* Chevrolat, 1877, *Annales de la Société entomologique de France*, (5)**7**(2): 168.
- Pseudantichus* Desbrochers des Loges, 1868, *Bulletin de l'Académie d'Hippone*, **4** (1865): 31;
- Pubicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 42;
- Stricticomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 42; **7**(75): 70.
- Tenuicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 42.
- Trapezicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, **7**(74): 42, 45.
- antherinus*, *Meloe*, Linnaeus, 1760, *Fauna Suecica sistens animalia Sueciae regni. Editio altera, auctiora*, Laurentii Salvii, Stockholmiae, “1761”, p. 228.
- axillaris*, *Anthicus*, Schmidt, 1842, *Entomologische Zeitung herausgegeben von dem Entomologischen Vereine zu Stettin*, **3**: 186.
- genei*, *Anthicus*, LaFerté-Sénéctère, 1849, in Guérin-Méneville, F.E. (ed.) *Species et iconographie générique des animaux articulés ou représentation des genres, avec leur description et celle de toutes les espèces de cette grande division du règne animal. Première Partie: Insectes Coléoptères*. (1846–1847). Paris: de Fain et Thunot. Livraison 8 (No. 29, *Anthicus* (Troisième Division), pp. 85–132, 1 pl.), p. 120.
- hispidus*, *Notoxus*, Rossi, 1792, *Mantissa insectorum, exhibens species nuper in Etruria*. Ex typ. Polloni, Pisis, p. 46.
- humilis*, *Anthicus*, Germar, 1824, *Faunae Insectorum Europae. Fasciculus 10*. Halae, Car. Aug. Kummelii, p. 6.
- instabilis*, *Anthicus*, Schmidt, 1842, *Entomologische Zeitung Herausgegeben von dem Entomologischen Vereine Zu Stettin*, **3**: 184.
- iscariotes* *Anthicus*, LaFerté-Sénéctère, 1849, *Monographie des Anthicus et genres voisins, Coléoptères hétéromeres de la tribu des Trachélides*. [1848]. Author, Paris, p. 301.
- longiceps*, *Anthicus*, LaFerté-Sénéctère, 1849, in Guérin-Méneville, F. E. (Ed.), *Species et iconographie générique des animaux articulés ou représentation des genres, avec leur description et celle de toutes les espèces de cette grande division du règne animal. Première Partie: Insectes Coléoptères*. (1846–1847). Paris: de Fain et Thunot. Livraison 9 (*Anthicus* (Quatrième Division), pp. 133–181, 1 pl.), p. 134.
- oedipus*, *Anthicus*, Chevrolat, 1860, *Revue et Magasin de Zoologie Pure et Appliquée*, (2)**12**: 210.
- oliverii* *Formicomus* Desbrochers des Loges, 1868, *Bulletin de l'Académie d'Hippone*, **4**(1865): 79;
- pumilus*, *Anthicus*, Baudi, 1877, *Atti della Reale Accademia delle Scienze di Torino*, **12**: 702.
- rufivestis*, *Anthicus*, Marseul, 1879, *L'Abeille, Journal d'Entomologie*, **17**: 108 (spec. pag.)
- transversalis*, *Anthicus* A. Villa & G.B. Villa, 1833, *Coleoptera Europae dupleta in Collectione Villa quae pro mutua commutatione offerri possunt*, Mediolani, Authors, p. 35.
- trotommidens*, *Anthicus*, Pic, 1892, *Miscellanea Entomologica*, **1**(7): 44.

- Birricollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903], p. 67.
- Brevicomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, 7(74): 46.
- Brevicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903], p. 67.
- Clavicollis* Sahlberg, 1903d, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(19)
[1902–1903]: 55.
- Cordicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903]: 67.
- Hirticollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903]: 67.
- Lagenicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903]: 66.
- Laticomus* Pic, 1894, *Revue scientifique du Bourbonnais et du Centre de France*, 7(74): 41.
- Pubicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(12)
[1902–1903]: 9.
- Stricticollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903]: 66.
- Tenuicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(19)
[1902–1903]: 56.
- Trapezicollis* Sahlberg, 1903, *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar*, 45A(11)
[1902–1903]: 67.